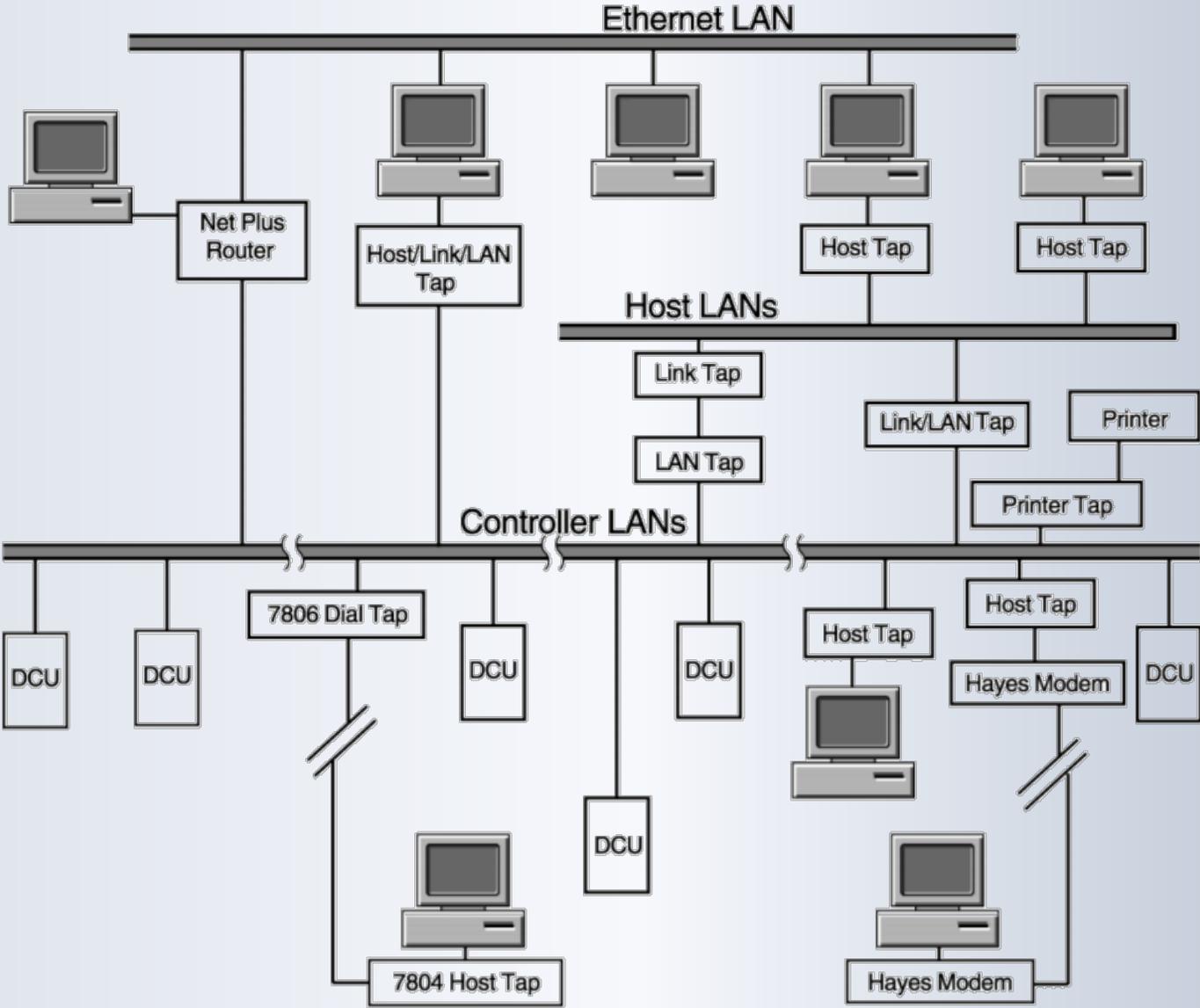
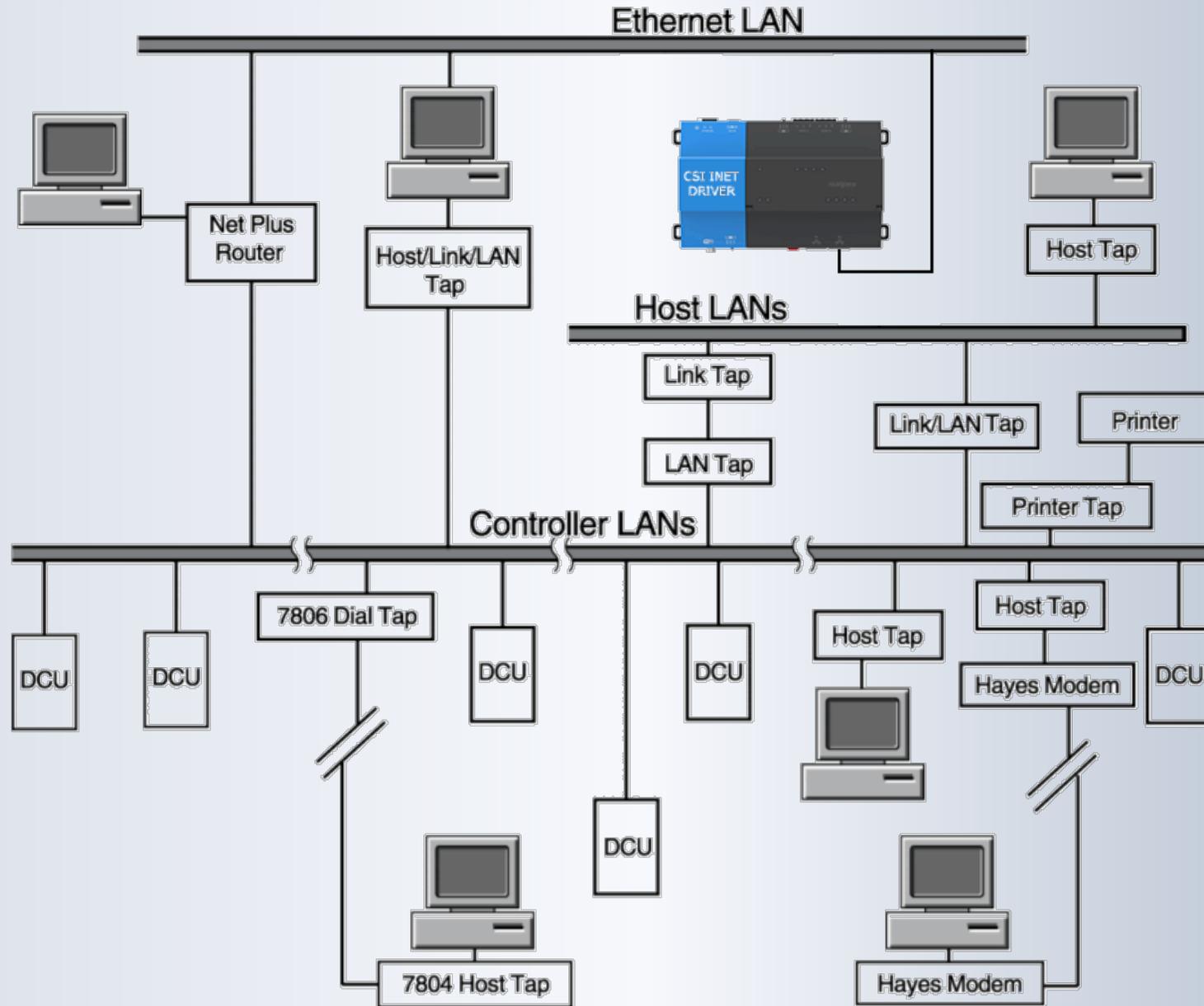


TAC I/NET LAN (Existing)



Add new N4 JACE to existing network



Add the I/Net Driver Network

The screenshot shows the Driver Manager interface with the following components:

- Nav Panel:** A tree view showing the project structure. The path `Station (INET_JACE) > Drivers > TacInetUdpNetwork` is selected, indicated by a red arrow.
- Driver Manager Table:** A table listing installed drivers. The table has columns: Name, Type, Status, Enabled, and Fault Cause. It contains two entries:

Name	Type	Status	Enabled	Fault Cause
NiagaraNetwork	Niagara Network	{ok}	true	
TacInetUdpNetwork	Tac Inet Udp Network	{ok}	true	
- Palette Panel:** A list of available drivers. The `TacInetUdpNetwork` driver is selected, indicated by a red arrow.

Two red arrows point from text annotations to the selected items in the Nav and Palette panels.

Paste the INET Network in the Drivers container

Copy the INET Network from the Palette

Verify that a valid license is installed

The screenshot displays the configuration interface for a TacInetUdpNetwork device. The navigation pane on the left shows the hierarchy: My Network > My Host > 192.168.1.140 (INET_JACE) > Platform > Station (INET_JACE) > Drivers > NiagaraNetwork > TacInetUdpNetwork > Apps > Files > INETLicense. The INETLicense folder contains two files: station.chk and TacInetUdp.lic. The palette at the bottom left shows the selected device: tacInetUdp. The main property sheet shows the configuration for TacInetUdpNetwork (Tac Inet Udp Network). The License Manager section is highlighted with a red box and contains the following configuration:

Property	Value
License Manager	Tac Inet Udp License Manager
Licensed Points Limit	5000
Licensed Device Limit	1000
Licensed Expiration	31-Jul-2024 12:00 AM CDT
License Server Ip	
User Name	
Password	
Confirm	
Feature Name	INET
License Path	file:^INETLicense/TacInetUdp.lic
Licensed Points Limit	0
Licensed Expiration	31-Jul-2024 12:00 AM CDT

The rest of the property sheet shows the following configuration:

Property	Value
Status	{ok}
Enabled	true
Fault Cause	
Health	Fail [null]
Alarm Source Info	Alarm Source Info
Monitor	Ping Monitor
Tuning Policies	Tuning Policy Map
Background Processor	Ddf Worker
Communicator	Tac Inet Udp Communicator
Discovery Preferences	Tac Inet Udp Device Discovery Pref
Platform Type	Qnx
Host Name	INET_JACE
Host Ip Address	192.168.1.140
Host Address	1
Reference Hosts	Reference Hosts
Netplus Host Name	INET-OFFICE
Netplus Domain	

Property Sheet View of I/NET Network

The screenshot displays the 'Property Sheet' for a 'TacInetUdpNetwork' (Tac Inet Udp Network). The interface is divided into three main sections: a navigation pane on the left, a palette at the bottom left, and the main property sheet on the right.

Navigation Pane (Left): Shows a tree view of the network configuration. The selected path is: My Network > My Host > 192.168.1.140 (INET_JACE) > Platform > Station (INET_JACE) > Config > Drivers > NiagaraNetwork > TacInetUdpNetwork.

Palette (Bottom Left): Lists various control palettes, including ControlPalette, Alarm, Constants, Conversion, Energy, HVAC, Latches, Logic, and Math.

Property Sheet (Right): Lists various properties for the TacInetUdpNetwork. The 'Send To Address' section is highlighted with a red box, indicating the IP address and port of the Netplus router.

Property	Value
Status	{ok}
Enabled	true
Fault Cause	
Health	Fail [null]
Alarm Source Info	Alarm Source Info
Monitor	Ping Monitor
Tuning Policies	Tuning Policy Map
Background Processor	Ddf Worker
Communicator	Tac Inet Udp Communicator
Transmitter	Ddf Udp Transmitter
Transmission Attempts	365205 [0 - max]
Transmission Count	365202 [0 - max]
Retransmission Count	509 [0 - max]
Max Retry Count	3 [0 - max]
Send To Address	Ddf Ip Address Port
Ip Address	192.168.1.202
Ip Port	50069
Receiver	
Transaction	
Poll Scheduler	Ddf Poll Scheduler
Unsolicited Mgr	Tac Inet Udp Unsolicited Mgr
Network Interface	[*** Default Local Host ***]
Discovery Preferences	Tac Inet Udp Device Discovery Pref...
License Manager	Tac Inet Udp License Manager
Licensed Points Limit	0
Licensed Expiration	31-Jul-2024 12:00 AM CDT
Platform Type	Qnx
Host Name	INET_JACE
Host Ip Address	192.168.1.140
Host Address	3

Set the IP Address and IP Port of the Netplus router.

Property Sheet View of I/NET Network

The screenshot displays a software interface with a navigation pane on the left and a property sheet on the right. The navigation pane shows a tree view of the network configuration, including 'My Network', 'My Host', '192.168.1.140 (INET_JACE)', 'Platform', 'Station (INET_JACE)', 'Alarm', 'Config', 'Services', 'Drivers', 'NiagaraNetwork', 'TacInetUdpNetwork', 'Apps', 'Files', 'Hierarchy', and 'History'. The 'Palette' pane at the bottom left shows 'tacInetUdp' selected. The property sheet on the right is titled 'Property Sheet' and shows the configuration for 'TacInetUdpNetwork (Tac Inet Udp Network)'. The 'Netplus Address' field is highlighted with a red box.

Property	Value
Status	{ok}
Enabled	true
Fault Cause	
Health	Fail [null]
Alarm Source Info	Alarm Source Info
Monitor	Ping Monitor
Tuning Policies	Tuning Policy Map
Background Processor	Ddf Worker
Communicator	Tac Inet Udp Communicator
Discovery Preferences	Tac Inet Udp Device Discovery Pref...
License Manager	Tac Inet Udp License Manager
Licensed Points Limit	0
Licensed Expiration	09-Aug-2019 08:52 PM CDT
Platform Type	Qnx
Host Name	
Host Ip Address	0.0.0.0
Host Address	1
Reference Hosts	Reference Hosts
Netplus Host Name	
Netplus Domain	
Netplus Ip Address	0.0.0.0
Confirmed Netplus Ip Address	0.0.0.0
Netplus Address	0

Set the *Netplus Address* of the Netplus Router that the JACE will be communicating with.

I/NET Network - Manager View

Double-Click the INET Network to access the Manager View.

Select the Discover button to discover the I/NET devices on the network.

Discovered	
Address	Devname

Database				
Name	Type	Exts	Address	Devname

Toolbar: New Folder, New, Edit, Discover, Cancel, Add, Match, TagIt

Discovery Parameters

Nav
My Network

My Host
192.168.1.140 (INET_JACE)
Platform
Station (INET_JACE)
Alarm
Config
Services
Drivers
NiagaraNetwork
TacInetUdpNetwork
Apps
Files
INETLicense
station.chk
TacInetUdp.lic
Hierarchy
History

Palette
tacInetUdp

TacInetUdpNetwork
TacInetUdpDevice
TacInetUdpDeviceFolder
TacInetUdpPointFolder
TacInetUdpPointPollFolder

Discovered

Address	Devname
1	
5	

Discovery Parameters

Tac Inet Udp Device Discovery Preferences

Timeout [0ms - +inf]

Retry Count [0 - max]

Min Address 1, Devname, Status Text, E...

Address

Devname

Status Text

Engru Text

Cntrl Cmds

Max Address 5, Devname, Status Text, E...

Address

Devname

Status Text

Engru Text

Cntrl Cmds

Do Not Ask Again false

OK Cancel

New Folder New Edit Discover Cancel Add Match TagIt

Set the Min / Max addresses that should be discovered. Select OK and wait for the discovered devices to show up.

Select and Add the I/NET Devices

The screenshot displays the 'Tac Inet Udp Discovery' application. On the left, a navigation pane shows a tree view of the network structure, including 'My Network', 'My Host', and 'Station (INET_JACE)'. The 'Station' folder is expanded to show 'TacInetUdpNetwork'. The main window shows a 'Discovered' table with two entries: '1 ISIGHT' and '2 AHUTEMPS'. A red arrow points from the '1 ISIGHT' row to the 'Add' dialog box. The 'Add' dialog box has a table with the following data:

Name	Type	Address	Devname
ISIGHT1	Tac Inet Udp Device	1	ISIGHT
AHUTEMPS1	Tac Inet Udp Device	2	AHUTEMPS

Below the table, the dialog box has input fields for 'Name' (ISIGHT1), 'Type' (Tac Inet Udp Device), 'Address' (1), and 'Devname' (ISIGHT). At the bottom of the dialog are 'OK' and 'Cancel' buttons. A red arrow points from the 'Add' button in the bottom toolbar to the 'Add' dialog box.

Select the discovered devices to add to the database.

Select the Add button to add the selected devices.

TAC I/NET Points

After the Devices have been discovered and added to the database, it is time to discover the points under each device.

The I/NET driver has a special Point Polling folder that supports “multi-point” polling up to 18 points.

It is important to add 18 points to each point polling folder. If there are more than 18 points, add an additional Point Polling folder for the additional points.

The example following this slide is an I-Sight with two VAV controllers. The point polling folders have been created for each VAV controller.

Point Discovery

The screenshot displays the software interface for point discovery. On the left, the 'Nav' pane shows a tree view of the network structure, with the 'Points' folder under 'Station (INET_JACE)' selected. A red arrow points from this folder to the 'Discovery Parameters' dialog box. The dialog box is titled '4 Discovery Parameters' and contains the following settings:

- Tac Inet Udp Point Discovery Preferences
- Timeout: 00000h 00m 02.000s [0ms - +inf]
- Retry Count: 1 [0 - max]
- Min: Sub Index 0, Point Index 15, Next Su...
- Max: Sub Index 255, Point Index 255, Nex...
- Do Not Ask Again: false

At the bottom of the dialog are 'OK' and 'Cancel' buttons. To the right of the dialog, a table titled 'Tac Inet Udp Discovery' shows the discovered points:

Discovery Name	Discovery Point Type	Discovery Point Facets	Discovery Conversion	Address
MR_SPACE_TEMP	control:NumericPoint		Default	0106
VAV1_MCI_OAT	control:NumericWritable		Default	0207
VAV1_DmprPos	control:NumericWritable		Default	0217
VAV1_Fan_Pos	control:BooleanWritable		Default	0225
VAV1_H1_Pos	control:NumericWritable		Default	0237
VAV1_H2_Pos	control:BooleanWritable		Default	0245
VAV1_MCI_CPH	control:BooleanWritable		Default	0255
VAV1_MCI_Dmd	control:BooleanWritable		Default	0265
VAV1_MCI_Occ	control:BooleanWritable		Default	0275
			Default	0287
			Default	0297
			Default	0206
			Default	0216
			Default	0226

At the bottom of the interface, a toolbar contains buttons for 'New Folder', 'New', 'Edit', 'Discover', 'Cancel', 'Add', and 'Match'. A red text box on the right side of the interface contains the following text:

Leave the default parameters in the Discovery Parameters popup.

Double-click the Points folder to access the Point Discovery view.

TAC I/NET Points

The screenshot displays a software interface for managing TAC I/NET points. On the left, a navigation pane shows a tree structure under 'My Network' and 'My Host', with 'Points' selected under 'ISIGHT'. The main area is titled 'Tac Inet Udp Discovery' and contains a 'Discovered' table with columns 'Discovery Name' and 'Discovery Po'. Below this is a 'Database' table with columns 'Name' and 'Type'. An 'Add' dialog box is open, showing a table of discovered points with columns 'Name', 'Type', 'Facets', and 'Address'. The dialog also has input fields for 'Name', 'Type', 'Facets', and 'Address', and 'OK' and 'Cancel' buttons. A red arrow points from the 'Add' dialog to the 'Add' button in the bottom toolbar.

Discovery Name	Discovery Po
VAV1_MCI_OAT	control:Num
VAV1_DmprPos	control:Num
VAV1_Fan_Pos	control:Boole
VAV1_H1_Pos	control:Num
VAV1_H2_Pos	control:Boole
VAV1_MCI_CPH	control:Boole
VAV1_MCI_Dmd	control:Boole
VAV1_MCI_Occ	control:Boole
VAV1_StatAdj	control:Num
VAV1_MCI_SP	control:Num
VAV1_Loc_SPL	control:Num
VAV1_Loc_Occ	control:Num
VAV1_Loc_CPH	control:Num
VAV1_MCI_SPL	control:Num
VAV1_IStaBSP	control:Num
VAV1_Load_P	control:Num

Name	Type	Facets	Address
VAV1_MCI_OAT	Numeric Writable		0207
VAV1_DmprPos	Numeric Writable		0217
VAV1_Fan_Pos	Boolean Writable		0225
VAV1_H1_Pos	Numeric Writable		0237
VAV1_H2_Pos	Boolean Writable		0245
VAV1_MCI_CPH	Boolean Writable		0255
VAV1_MCI_Dmd	Boolean Writable		0265
VAV1_MCI_Occ	Boolean Writable		0275
VAV1_StatAdj	Numeric Writable		0287
VAV1_MCI_SP	Numeric Writable		0297
VAV1_Loc_SPL	Numeric Point		0206
VAV1_Loc_Occ	Numeric Point		0216
VAV1_Loc_CPH	Numeric Point		0226
VAV1_MCI_SPL	Numeric Point		0246
VAV1_IStaBSP	Numeric Point		0256
VAV1_Load_P	Numeric Point		0266
VAV1_Space_T	Numeric Point		0276

Name	Type
VAV_01	Tac Inet Udp Point Poll F
VAV_02	Tac Inet Udp Point Poll F

Add dialog box fields:

- Name: VAV1 MCI OAT
- Type: Numeric Writable
- Facets: >> [icon]
- Address: 0207

Bottom toolbar buttons: New Folder, New, Edit, Discover, Cancel, Add, Match

Select and add the discovered points to the database.

TAC I/NET Points

Discovered

Discovery Name	Discovery Point Type	Discovery Point Facets	Discovery Conversion	Address
VAV2_H1_Pos	control:NumericWritable		Default	0337
VAV2_H2_Pos	control:BooleanWritable		Default	0345
VAV2_MCI_CPH	control:BooleanWritable		Default	0355
VAV2_MCI_Dmd	control:BooleanWritable		Default	0365
VAV2_MCI_Occ	control:BooleanWritable		Default	0375
VAV2_StatAdj	control:NumericWritable		Default	0387
VAV2_MCI_SP	control:NumericWritable		Default	0397
VAV2_Loc_SPL	control:NumericPoint		Default	0306
VAV2_PriFlow	control:NumericPoint		Default	0396

Database

Name	Type	Out	Address
VAV_01	Tac Inet Udp Point Poll Folder		
VAV_02	Tac Inet Udp Point Poll Folder		
VAV1_MCI_OAT	Numeric Writable	0.00 {ok} @ def	0207
VAV1_DmprPos	Numeric Writable	0.00 {ok} @ def	0217
VAV1_Fan_Pos	Boolean Writable	false {ok} @ def	0225
VAV1_H1_Pos	Numeric Writable	0.00 {ok} @ def	0237
VAV1_H2_Pos	Boolean Writable	false {ok} @ def	0245
VAV1_MCI_CPH	Boolean Writable	false {ok} @ def	0255
VAV1_MCI_Dmd	Boolean Writable	false {ok} @ def	0265
VAV1_MCI Occ	Boolean Writable	false {ok} @ def	0275
VAV1_S			
VAV1_M			
VAV1_L			
VAV1_I			
VAV1_Load P	Numeric Point	0.00 {ok}	0266

Points

- VAV_01
- VAV_02
- VAV1_MCI_OAT
- VAV1_DmprPos
- VAV1_Fan_Pos
- VAV1_H1_Pos
- VAV1_H2_Pos
- VAV1_MCI_CPH
- VAV1_MCI_Dmd
- VAV1_MCI_Occ
- VAV1_StatAdj
- VAV1_MCI_SP
- VAV1_Loc_SPL
- VAV1_Loc_Occ
- VAV1_Loc_CPH
- VAV1_MCI_SPL
- VAV1_IStaBSP
- VAV1_Load_P
- VAV1_Space_T
- VAV1_SecFlow
- VAV1_PriFlow
- VAV2_MCI_OAT
- VAV2_DmprPos
- VAV2_Fan_Pos
- VAV2_H1_Pos
- VAV2_H2_Pos

Palette

- tacInetUdp
- TacInetUdpNetwork
 - TacInetUdpDevice
 - TacInetUdpDeviceFolder
 - TacInetUdpPointFolder
 - TacInetUdpPointPollFolder

Discovered Table:

Discovery Name	Discovery Point Type	Discovery Point Facets	Discovery Conversion	Address
VAV2_H1_Pos	control:NumericWritable		Default	0337
VAV2_H2_Pos	control:BooleanWritable		Default	0345
VAV2_MCI_CPH	control:BooleanWritable		Default	0355
VAV2_MCI_Dmd	control:BooleanWritable		Default	0365
VAV2_MCI_Occ	control:BooleanWritable		Default	0375
VAV2_StatAdj	control:NumericWritable		Default	0387
VAV2_MCI_SP	control:NumericWritable		Default	0397
VAV2_Loc_SPL	control:NumericPoint		Default	0306
VAV2_PriFlow	control:NumericPoint		Default	0396

Database Table:

Name	Type	Out	Address
VAV_01	Tac Inet Udp Point Poll Folder		
VAV_02	Tac Inet Udp Point Poll Folder		
VAV1_MCI_OAT	Numeric Writable	0.00 {ok} @ def	0207
VAV1_DmprPos	Numeric Writable	0.00 {ok} @ def	0217
VAV1_Fan_Pos	Boolean Writable	false {ok} @ def	0225
VAV1_H1_Pos	Numeric Writable	0.00 {ok} @ def	0237
VAV1_H2_Pos	Boolean Writable	false {ok} @ def	0245
VAV1_MCI_CPH	Boolean Writable	false {ok} @ def	0255
VAV1_MCI_Dmd	Boolean Writable	false {ok} @ def	0265
VAV1_MCI Occ	Boolean Writable	false {ok} @ def	0275
VAV1_S			
VAV1_M			
VAV1_L			
VAV1_I			
VAV1_Load P	Numeric Point	0.00 {ok}	0266

Points List:

- VAV_01
- VAV_02
- VAV1_MCI_OAT
- VAV1_DmprPos
- VAV1_Fan_Pos
- VAV1_H1_Pos
- VAV1_H2_Pos
- VAV1_MCI_CPH
- VAV1_MCI_Dmd
- VAV1_MCI_Occ
- VAV1_StatAdj
- VAV1_MCI_SP
- VAV1_Loc_SPL
- VAV1_Loc_Occ
- VAV1_Loc_CPH
- VAV1_MCI_SPL
- VAV1_IStaBSP
- VAV1_Load_P
- VAV1_Space_T
- VAV1_SecFlow
- VAV1_PriFlow
- VAV2_MCI_OAT
- VAV2_DmprPos
- VAV2_Fan_Pos
- VAV2_H1_Pos
- VAV2_H2_Pos

Palette List:

- tacInetUdp
- TacInetUdpNetwork
 - TacInetUdpDevice
 - TacInetUdpDeviceFolder
 - TacInetUdpPointFolder
 - TacInetUdpPointPollFolder

Instructions:

Select up to 18 points to move to the corresponding PointPollFolder. After selecting the points, hold down the right mouse button and move the points to the folder.

Copy / paste a new PointPollFolder from the Palette and paste it under the Point folder. I have added (2) new Point Poll Folders – VAV_01 | VAV_02.

TAC I/NET Points - Completed

Nav

My Network

- Drivers
 - NiagaraNetwork
 - TacInetUdpNetwork
 - ISIGHT
 - Alarm Source Info
 - Points
 - VAV_01
 - VAV1_DmprPos
 - VAV1_Fan_Pos
 - VAV1_H1_Pos
 - VAV1_H2_Pos
 - VAV1_MCI_CPH
 - VAV1_MCI_Dmd
 - VAV1_MCI_Occ
 - VAV1_StatAdj
 - VAV1_MCI_SP
 - VAV1_Loc_SPL
 - VAV1_Loc_Occ
 - VAV1_Loc_CPH
 - VAV1_MCI_SPL
 - VAV1_IStaBSP
 - VAV1_Load_P
 - VAV1_Space_T
 - VAV1_SecFlow
 - VAV1_PriFlow
 - VAV_02
 - AHUTEMPS

Tac Inet Udp Discovery

Discovered

Discovery Name	Discovery Point Type	Discovery Point Facets	Discovery Conversion	Address
MR_SPACE_TEMP	control:NumericPoint		Default	0106
VAV1_MCI_OAT	control:NumericWritable		Default	0207
VAV1_DmprPos	control:NumericWritable		Default	0217
VAV1_Fan_Pos	control:BooleanWritable		Default	0225
VAV1_H1_Pos	control:NumericWritable		Default	0237
VAV1_H2_Pos	control:BooleanWritable		Default	0245
VAV1_MCI_CPH	control:BooleanWritable		Default	0255
VAV1_MCI_Dmd	control:BooleanWritable		Default	0265
VAV1_MCI_Occ	control:BooleanWritable		Default	0275
VAV1_StatAdj	control:NumericWritable		Default	0287
VAV1_MCI_SP	control:NumericWritable		Default	0297
VAV1_Loc_SPL	control:NumericPoint		Default	0206
VAV1_Loc_Occ	control:NumericPoint		Default	0216

Database

Name	Type	Out	Address
VAV1_DmprPos	Numeric Writable	25.00 {overridden} @ 8	0217
VAV1_Fan_Pos	Boolean Writable	false {ok} @ def	0225
VAV1_H1_Pos	Numeric Writable	0.00 {ok} @ def	0237
VAV1_H2_Pos	Boolean Writable	false {ok} @ def	0245
VAV1_MCI_CPH	Boolean Writable	false {ok} @ def	0255
VAV1_MCI_Dmd	Boolean Writable	false {ok} @ def	0265
VAV1_MCI_Occ	Boolean Writable	false {ok} @ def	0275
VAV1_StatAdj	Numeric Writable	0.00 {ok} @ def	0287
VAV1_MCI_SP	Numeric Writable	34.00 {ok} @ def	0297
VAV1_Loc_SPL	Numeric Point	1265.00 {ok}	0206
VAV1_Loc_Occ	Numeric Point	1265.00 {ok}	0216
VAV1_Loc_CPH	Numeric Point	1265.00 {ok}	0226
VAV1_MCI_SPL	Numeric Point	0.00 {ok}	0246
VAV1_IStaBSP	Numeric Point	85.00 {ok}	0256
VAV1_Load_P	Numeric Point	0.00 {ok}	0266
VAV1_Space_T	Numeric Point	80.15 {ok}	0276
VAV1_SecFlow	Numeric Point	876.00 {ok}	0286
VAV1_PriFlow	Numeric Point	342.00 {ok}	0296

New Folder
New
Edit
Discover
Cancel
Add
Match

TAC I/NET Points

After the points have been added to each device, add the Trends, Alarming and graphics.

Home
Site Plan
Alarm
Trends

ROOM_210
FPB-2-02

Outside Air Temp 77.8 °F
Outside Air Humidity 81.0 %

AHU-SS Data

Supply Fan Status	Off
Duct Static	-0.0 in/wc
Sup Air Temp	78.5 °F

Schedule

Occupied	Occupied
Next Sched Chg	421 min
HVAC Mode	Cool

Space Temp	85.5 °F
Effective Stpt	74.0 °F
Terminal Load	168.0 %

Box Flow	0 cfm
Box Flow Stpt	1500 cfm
Damper Position	25.0 %

Hot Water Valve	0.0 %
-----------------	-------

Fan SS	Off
--------	-----

Box DA Temp	88.4 °F
-------------	---------

Asset Information

Number	FPB-2-02
Status	OPERATING
Location	ROOM_210

Set Points

Occ Clg Stpt	72.0 °F
Occ Htg Stpt	70.0 °F
Unocc Clg Stpt	85.0 °F
Unocc Htg Stpt	60.0 °F
Max Flow Stpt	1500 cfm
Min Flow Stpt	150 cfm
Max Rht Flow Stpt	500 cfm
Min Rht Flow Stpt	250 cfm
MWU Flow Stpt	400 cfm

Misc Overrides

Flow Override	Auto
Flow Percent	50.0 %
Flow Setpoint	150 cfm

Fault Detection System

NoActiveFaults

Configuration Settings

Maximo Asset Management

Open Work Orders	0
Next PM Due	2019-JUN-01
Last Service	2018-JUN-01

View Open Work Orders

View Completed Work Orders

Create New Work Order

Floor Plan

Space Temp

Space Temp Stpt

Space Temp (blue) vs Space Setpoint (red) Live Trend Plot

Y-axis: (°F) 50.00 to 90.00
X-axis: 11-Aug-19 9:55 PM CDT to 11-Aug-19 10:06 PM CDT